CONTRACT CERTIFICATE

SBRN = 39/14-15

No. ***First & Final*** (For Other Works) Date...../...../2014 31/5/14

Division: **BBMP, Byatarayanapura** Sub-Division: **BBMP, Byatarayanapura**

Bill Received No. 2 Dated 21/5/2014 Divisional Cash Book Voucher No..... Dated.....

Sub Divisional Work Code: **006-14-000025**

Schedule Docket No. Head of Account: P2654-110 village limits Est.Cost: **60.00 Lakhs** D.R.No. :

Name of Work (as per sanctioned estimate): **Improvements to Roads and Drains at Bhuvaneshwarinagara Main Road Left Side in Ward No. 06, Dasarahalli Village Limits.**

Name of Contractor and Full Address : *M/s Techinal manager,(West), KRIDL, BBMP, Bangalore.*

Reference to Agreement No. **EE/BTP/BBMP/KRIDL/W.O/390/2013-14** Date: 21/02/2014

Certified that the measurements were taken by me on 31/5/14 and recorded of Pages of measurement Book No. 8907 and that the work is satisfactorily executed. 190383-97

Contractor **Officer-in-charge of work**

Assistant Executive Engineer Byatarayanapura Sub-division KRIDL BBMP, Bangalore

Certified that the measurement were taken by me on ...31/5.....and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of and imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Sub-Division Officer

Assistant Executive Engineer Byatarayanapura Sub Division B.B.M.P. Bangalore

II Memorandum of Payment

1)	Total value of work done or supplies made as per account within	1st & final BM 5806544=00
2)	Deduct amount to be held in reserve being .....percent Rs.....	IT 116130=00
3)	" Balance	KST 232262=00
4)	Deduct Payment:	ESI 377425=00
a)	Amount of previous payment as in the Office Cash Book Voucher No.....Dated.....S.D. No..... Amount adjusted towards cash advance recovery of	LWF 58,065=00
b)	Payments Now made } cost store or other material supplied. recovery of amount creditable to this/other work Amount paid on this bill Cheque / Cash.	CBP 5807=00
5)	Balance being unpaid value of work done held in reserve.	ROM 73124=00
6)	Deduct cash advance made on the Office cash Book Voucher No..... dated.....less adjustments.	Pen 2000=00
7)	Net amount due to or from Contractor unadjustments items.	
8)	Advance to Contractor for materials brought to site (as detailed) within.	Total ded 8648114=00
9)	Value of Government materials supplied.	
	Total amount adjusted -	By cheque 49,41,730=00

Assistant Executive Engineer Byatarayanapura Sub-division KRIDL BBMP, Bangalore

Contractor's Signature

Received Rs..... (in words).....

.....

by cash and by adjustment of Payment as per memorandum (in final settlement of all demands)

Witness

1.

2.

Dated Signature of Contractor

Paid by me by Cheque No.....Dated.....

Cash Rs.....

Dated.....

(For use in the Office)

Stamp

5806544=00

8648114=00

4941730=00

Executive Engineer

Initials of Officer making payment

Sl. No.	Descriptions	Unit
1	KSRRB 300-2. Earth work excavation by manual means in hard soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications complete as per specifications MORTH chapter 3.complete as per specifications and directions of engineer in charge of the work	Cum
2	Removing B.S. Slab Drain and stacking complete as per specifications and directions of engineer in charge of the work	Sqm
3	Refixing stone slabs of drains and pointing in CM (1:3) complete as per specifications and directions of engineer in charge of the work	Sqm
4	Providing granite slabs of selected quality roughly dressed and fixed in cement mortar(1:6) including fixing curing etc, complete 7.5 cms thick complete as per specifications and directions of engineer in charge of the work	Sqm
5	KSRB 4-1.3 : Providing and laying in position **plain cement concrete of mix M7.5 with OPC cement @ 180 Kgs** using **40mm** and down size graded granite metal, corse aggregates @ 0.85 cum and fine aggregtes @ 0.58cum machine mixed, concrete laid in layers not exceeding 15 cms thick, well compacted, **in foundation and plinth**, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2 complete as per specifications and directions of engineer in charge of the work	Cum
6	KSRB 5.4-3: Providing and constructing granite / trap / basalt size stone masonry in **superstructure with cement mortar 1:6**, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications.KBS 5-1.13 complete as per specifications and directions of engineer in charge of the work	Cum
7	KSRB 15.1.3: Providing ruled pointing to coursed stone masonry with cement mortar 1:3, 20 mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications. complete as per specifications and directions of engineer in charge of the work	Sqm
8	KSRB 4-1.6 : Providing and laying in position plain cement concrete of **mix M15 with cement @ 240 kgs with 20mm** and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregates @ 0.459 cum, machine mixed, concrete laid in layers not exceeding 15cms, thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per specifications, specification. No. KBS 4.1,4.2. complete as per specifications and directions of engineer in charge of the work	Cum
9	KSRB 4-6.4: Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for **vertical surface** such as **walls at any thickness**, including attached pilasters, buttresses, plinth and string courses cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 complete as per specifications and directions of engineer in charge of the work	Sqm
10	KSRB 4.2.2 : Providing and laying in position **reinforced cement concrete of design mix M20 with OPC cement @ 320 Kgs with 20mm** and down size graded granite metal coarse aggregates @ 0.878cum and fine aggregates @ 0.459 cum wuth superplastisier @ 3lts confirming to IS 9103-1999 reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works **in foundation plinth and ground floor level for roof slabs, staircase, lintels, retaining walls, return walls, wall** (any thickness) including attached plasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc., including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.6 complete as per specifications and directions of engineer in charge of the work	Cum
11	KSRB 4.9.2: Providing **TMT steel reinforcement for R.C.C** work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3 complete as per specifications and directions of engineer in charge of the work	Qntl
12	KSRRB 500-3: Scarifying existing stone metal layer upto 75mm thick along with their bituminous surface, picking up scarified materials and stacking of old serviceable materials with lead of 100m, sequential spreading of the salvaged aggregates with fresh aggregates on prepared base and consolidating as per water bound macadam specifications including cost of all labour, HOM of machineries complete as per specifications. MORTH chapter 5, complete as per specifications and directions of engineer in charge of the work	Sqm
13	Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the Material with water at OMC in mechanical mix plant carriage of mixed Material by tipper to site, laying in uniform layers with paver in sub-base / base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications complete as per specifications and directions of engineer in charge of the work	Cum

Previous Measurement		Present Measurement			Total Upto Date		Remarks
Qty.	Cost	Qty.	Rate Rs. P.	Amount	Qty	Cost	
-	-	1227.94	90.72	111399.00	1227.94	111399.00	
-	-	3102.00	50.11	155441.00	3102.00	155441.00	
-	-	2481.60	70.04	173811.00	2481.60	173811.00	
-	-	429.00	343.44	147336.00	429.00	147336.00	
		19.50	4290.84	83671.00	19.50	83671.00	
		70.20	4423.68	310542.00	70.20	310542.00	
		117.00	77.76	9098.00	117.00	9098.00	
		7.80	4690.50	36586.00	7.80	36586.00	
		80.50	271.08	21822.00	80.50	21822.00	
		48.75	5639.76	274938.00	48.75	274938.00	
		43.88	7450.92	326946.00	43.88	326946.00	
-	-	5170.00	72.79	376324.00	5170.00	376324.00	
-	-	1034.00	1121.04	1159155.00	1034.00	1159155.00	

14	KSRRB 500-1.1 : Cleaning the existing WBM road surface including removing of binding materials and other foreign matter with wire bushes and small picks, sweeping with brooms or soft brushes and finally dusting with old gunny bags and / or compressed air to receive bituminous treatment including cost of all materials, labour, HOM of machineries, curing complete as per specifications. Specification No. 500-1.3 complete as per specifications and directions of engineer in charge of the work	Sqm
15	KSRRB 500-5: providing and applying primer coat from 12.2 to 14.6kg per 10 sqm for surfaces of high porosity over prepared surface of granular base with cut back M.C.-70 or any other bitumen mixed with diesel at 13 kg per 10 sqm heated in bitumen boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries complete as per specifications. MORTH chapter 5, complete as per specifications and directions of engineer in charge of the work	Sqm
16	KSRRB M500-18: Providing and laying semi dense bituminous concrete 25mm thick with 100-120 TPH batch type HMP producing an average output of 75 tonnes per hour using crushed aggregates of specified grading, premixed with bituminous binder at 4.5 to 5% of mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem roller to achieve the desired compaction as per MORTH specifications clause No. 500.8 complete in all respects as per specificationsWith 60/70 grade bitumen using 40-60 HMP, complete as per specifications and directions of engineer in charge of the work	Cum
17	Lead for Disposal of Debris shall be payable at carriage rates by Mechanical means inlcuding loading and unloading. From 0.00 to 2.00 Km complete as per specifications and directions of engineer in charge of the work	Cum
	Total Amount	
	Add 1% Third party QC Charges	
	Add 10% KRIDL Charges and 1% Labour Cess	
	Net Total	

CERTIFICATE

1. Certified that the above work done satisfactory and no materials issued from departmentally.

		5170.00	10.53	54440.00	5170.00	54440.00	
		5170.00	142.07	734502.00	5170.00	734502.00	
		129.25	9981.36	1290091.00	129.25	1290091.00	
		1227.94	72.71	89284.00	1227.94	89284.00	
				5355386.00		**5355386.00**	
				53554.00		53554.00	
				5408940.00		**5408940.00**	
				589092.00		589092.00	
				5998032.00		**5998032.00**	

Assistant Executive Engineer
Byatarayanapura Sub Division
B.B.M.P. Bangalore

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